

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work :-Modified Estimate for Drilling of Borewell and providing pump motor and laying pipeline in Ward No.05 surrounding area Byatarayanapura Sub Division

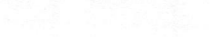
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		No	22	1			22.00	83067.0	1827474.00
9	supply and drawing 3 core flat sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor conforming to table 3 class 5 of IS8130-1984 and virging grade PVC insulation and sheathed suitable for working voltage upto 1100 volts as per 1x3x4 sqmm of 56 stands 0.3mm dia group A (Page No.12, Item No.2.10.5), PWTD Electrical SR 2014-15 3CX4.0 sqmm								
		Mtr	44	1	349.3		15369.20	141.0	2167057.00
10	Providing and fixing in position 50 mm nominal bore non-return valve vertical typer of approved make including cost of all materials, labour and HOM of equipemnts with all leads complete as per spcifications (Page No.93, Item No.13.62)								
		Nos	22	1			22.00	1700.0	37400.00
11	supplying and fixing 50 mm GI Union (Page No.XXXIX,)KPWD SR 2016-17								
		Nos	22	1			22.00	250.0	5500.00
12	supplying and fixing 50 mm GI Elbow (Page No.XXXIX,)KPWD SR 2016-17								
		Nos	22	2			44.00	124.0	5456.00
13	supplying and fixing 50 mm GI Nipple (Page No.XXXIX,)KPWD SR 2016-17								
		Nos	22	2			44.00	116.0	5104.00
14	supplying and fixing 50 mm GI hose collar (Page No.XXXIX,)KPWD SR 2016-17								
		Nos	22	2			44.00	115.0	5060.00
15	Fabricating supplying and mounting MS box made out 14SWG uitable for floor wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary calbe eintry pipe with gland and bo should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete (Page No. 49, Item No.6.40.1) PWD Electrical SR 2014-15								
		Sq.Cm	22	2	100	100	440000.00	0.41	180400.00
16	Supplying and fixing angle iron frame work fabricated out of MS angle iron., and M.S flat., with bolts, washers etc., and painted with 2 coats of red oxide and then tow coats of approved paint (Page No.49, Sl. No.6.39.2) 50x50x6mm electrical sr 2014-15								
		Nos	22	1			22.00	378.0	8316.00
17	supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. 32 amtps (Page No.44, Sl.No.6.5.1) electrical sr 2014-15 32 amps P.30 Item No.1(b)								
		Nos	22	1			22.00	2088.0	45936.00
18	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15 mmm thick plank with front plak one end provided for olding at other end fixing the same of the value using through bolts and nuts (PN.44, Sl. No.6.6.6) Electrical sR 2014--15								
		Nos	22	1			22.00	338.0	7436.00
19	supplying and fixing LED type Panedl board indicating lamp with required colour suitable for 220 v AC 50 HZ 12/24 DC (Page No.48, Sl. No.6.36)								
		Nos	22				22.00	495.0	10890.00
20	Supplying fully automatic Star delta starter unit push button type with suitable wires 3 Contractors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400 /440 volts 3 phase and wired after fixing to the wooden board for motor. Upto 12.5 HP (Page No.44, Sl. no.6.2.1)								
		Nos	22	1			22.00	7360.0	161920.00
21	supplying and fixing single phase preventor using Necessary wires over an existing panel board suitable for motor up to 20 HP capacities (Page No.44, Sl.No.6.3)								
		Nos	22	1			22.00	859.0	18898.00
22	Wiring for lighting/ power circuit using one of FRLS PVC insulated 1100V grade multistrand copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS 694:1990 & confirming to GTP of Group-A.4 Sqmm (Page No.6, Sl. No.2.5.4) Electrical SR 2014-15)								
		Nos	22	20			440.00	47.0	20680.00
23	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to IS 2834 phase, 400/440 volts grade, for power factor improvement of rotating machiner (Page No.48, Sl. No.6.35) Electrical SR 2014-15								
		Rmt	22	1	4.00		88.00	463.0	40744.00

24	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' typer curve, indicator On/Off energy cross-3 with shord circuti breaking capacity of 10K and complete wiring as required confiming to IEC 60898, 40-63 AMpS TPN (Page No.47, Sl. no.6.16.6) Electrical sR 2014-15									
		Nos	22	1				22.00	2165.0	47630.00
25	upplying and fixing wiring earth electrode for grounding conditu. I.C cutouts and other equipements of the meter board using 40 mm dia 2.90 mm thick GI Pipe 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150 mm all round the pipe to complete depth. the connection from the pipe to the conditu etc., is to be established throught GI wire of size as per ISI specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes o f122 mm dia (Page No.55, Sl. no.7.1) Electical sR 2014-15									
		Nos	22	1				22.00	3048.0	67056.00
26	supplying and fixing class-A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (PWD Ele SR 2014-15, P-62, It-7.12.1)									
		Nos	22	4				88.00	385.0	33880.00
27	supplying of 1.1 KV Ltug cable having alluminium conductor PvC insulated extruded inner shealthed, galvanized, steel strip (except 2C X10Sq.mm wire armoured) confirming to IS-3975 :1990 (No.of strip indicated in GTP) * extruded PVC outer sheathed armored cable with specified IS-1554 Part1:1988 & confirming to GTP of Group-A.4 core 16sqmm (Page No.55, Sl.No.7.4.4) electrical Sr2014-15									
		Nos	22	25.8				567.60	156.0	88545.00
28	Labour charges for laying of 1.1 KV Class UG cable in existing trech GI Pipe stone ware pipe/on wall /on poles as required. In existing trech/duct.6sqmmto 16sqmm (Page No.61, Sl.No.7.8.1) electrical SR 2014-15									
		Mts	22	1	25.8			567.60	12.0	6811.00
29	Digging of trenches of 0.6X0.50 m wide refilling the trench to the required ground level and consolidating etc., complete (Page No.61, Sl>No.7.9.2) hard soil electrical SR2014-15									
		Mts	22	1	20.8			457.60	118.0	53996.00
30	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumin insulating compound complete the terminals, clamps, bots nuts and washers etc., for 16 sqmm (Page No.62, Sl.No.7.13.2) Electrical Sr 2014-15									
		Nos	22	1				22.00	314.0	6908.00
31	Supplying and fixing of procelinfuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers, 63 Amps(Page No.44, Sl. nO.6.7.3) Electrical SR 2014-15									
		Nos	22	6				132.00	261.0	34452.00
32	Earth work excavation for foundation of buildings water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and aboe in width, in hard soil not exceeding, 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. afer breaking of clods complete as per specificationn(Page No. 5, Item No.2.4(KPWD SR 2016-17									
		cum	21	1	360.97	0.6	0.76	3456.65		
	Road		20	1	49.25	3	0.3	886.50		
								4343.15		
								Upto 125%	1820.70	335.0
								Above 125%	2522.45	335.0
	Basic Rate	283.00								
	Area Weightage @ 6%	16.98								
	total	299.98								
	11.74% TP Above	35.22								
	Sub Total	335.20								
33	KSRB13-10.4 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 32mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9 (PWD SR 2016-17, P-94 It -13.77)									
	50mm outer dia	Mts	21	1	364.80			7660.80		
								Total	7660.80	143.0
										1095494.00
34	Refilling available erath around pipelines calbes in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under Item (Page No.6, Item No.2.11) KPWD SR 2016-17									
	Item No.32	cum						4343.15		


 Assistant Engineer


 Asst. Executive Engineer


 Executive Engineer,
 Yelahanka Project Division,
 BBMP Bangalore


Executive Engineer,
Yelahanka Project Division,
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